

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

ALEXEI GOROKHOV ET AL

NL 010143

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

Title: MULTICARRIER TRANSMISSION SYSTEM WITH REDUCED COMPLEXITY  
LEAKAGE MATRIX MULTIPLICATION

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please  
amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. (amended) The transmission system according to claim 1,  
wherein the FFT (86) is further arranged for demodulating the  
received multicarrier signal.

4. (amended). The transmission system according to claim 1, wherein the multicarrier signal is an OFDM signal.

5. (amended) The transmission system according to claim 1, wherein the multicarrier signal is a MC-CDMA signal.

8. (amended) The receiver (20) according to claim 6, wherein the FFT (86) is further arranged for demodulating the received multicarrier signal.

9. (amended) The receiver (20) according to claim 6, wherein the multicarrier signal is an OFDM signal.

10. (amended) The receiver (20) according to claim 6, wherein the multicarrier signal is a MC-CDMA signal.

#### REMARKS

The foregoing amendments to the claims were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore

reserve their right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

By 

Michael E. Marion, Reg. 32,266  
Attorney  
(914) 333-9641

APPENDIX

3. (amended) The transmission system according to claim 1-~~or~~ 2, wherein the FFT (86) is further arranged for demodulating the received multicarrier signal.

4. (amended) The transmission system according to ~~any one of the preceding claims~~ claim 1, wherein the multicarrier signal is an OFDM signal.

5. (amended) The transmission system according to ~~any one of the claims 1 to 3~~ claim 1, wherein the multicarrier signal is a MC-CDMA signal.

8. (amended) The receiver (20) according to claim 6-~~or~~ 7, wherein the FFT (86) is further arranged for demodulating the received multicarrier signal.

9. (amended) The receiver (20) according to ~~any one of the claims 6 to 8~~ claim 6, wherein the multicarrier signal is an OFDM signal.

10. (amended). The receiver (20) according to ~~any one of the~~  
~~claims 6 to 8~~claim 6, wherein the multicarrier signal is a MC-CDMA  
signal.